

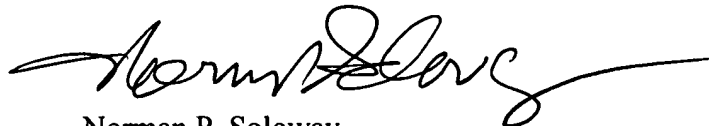
REMARKS

In response to the species election requirement, Applicant provisionally elects the species of Figure 1. Applicant has amended claims 1-3, 5, 10, 13, 15, 17, 18, 20, 21 and 22 to conform to this election. In this regard, Applicant notes that Figure 1 is a generic diagram that includes a charge pump described in Figures 2 and 4. Thus, Applicant submits a proper grouping would be to include as Group A Figures 1, 2, 4 and 5 which describe the PLL circuit charge pump circuit and voltage current conversion circuit and including claims 1-16; Group B drawn to Figure 8 and including a PLL circuit using AV/I conversion circuit as claimed in claims 17-19; and, Group C drawn to Figure 7 and including data read out apparatus as claimed in claims 20-22. However, so as to be fully responsive, Applicant provisionally elects Species A, and claims 1-3, which are believed readable thereon.

It is respectfully requested that non-elected claims 4-22 be maintained in this application, without further Action for possible rejoinder and/or filing of one or more divisional applications. And, an Action on the merits is respectfully requested.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

Respectfully submitted,



Norman P. Soloway
Attorney for Applicant
Reg. No. 24,315


HAYES SOLOWAY P.C.
130 W. CUSHING STREET
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Serial No. 09/712,104
Docket No. NEC 177
Amendment A

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 19, 2004, at Tucson, Arizona.

By 

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HAYES SOLOWAY P.C.
130 W. CUSHING STREET
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

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